

**ABSTRACT OF THE DISCLOSURE**

A system and method for testing whether proper connections (30, 34) are made between wire harnesses and fuel injector assemblies (26) includes at least one gripper mechanism (44) for grasping a selected portion (32, 36) of a wire harness associated with the fuel injector assembly (26). The gripper mechanism (44) preferably moves relative to the fuel injector assembly after it has been positioned on an appropriate support (40). The gripper mechanism (44) preferably grasps a selected portion (32, 36) of the wire harness and pulls it in a direction away from the fuel injector assembly (26). If a proper connection is made, the wire harness does not become disconnected from the fuel injector assembly. If a proper connection is not made, however, that is revealed as the gripper mechanism (44) pulls the wire harness off of the fuel injector assembly.

Figure 1

N:\Clients\SIEMENS\IP00243\Patent\Application.doc

09982058-101301